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U.S. Department of the Interior • U.S. Geological Survey

# MINERAL INDUSTRY SURVEYS

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## MARKETABLE PHOSPHATE ROCK IN JULY 1997

U.S. marketable phosphate rock production in July 1997 decreased about 4% compared to the prior month, according to the U.S. Geological Survey (USGS). Annualized production thus far in 1997 was calculated to be 46.5 million metric tons, which was about 6% higher than the total 1996 production of 43.8 million tons (Table 3).

Domestic phosphate rock sold or used, excluding exports for July, decreased about 5% compared to the prior month, to 3.3 million tons. Annualized sales or use thus far in 1997 was calculated to be 41.3 million tons or 2% lower than the total for 1996 (Table 3).

U.S. producer ending stocks for July were about 2% above the figure shown in June. In the Florida-North Carolina region,

stocks were about 2% higher, while in the Idaho-Utah region, stocks were slightly lower than the previous month.

Some phosphate rock import data for Morocco are suppressed by the Bureau of the Census; total U.S. import tonnage was estimated by USGS to average 150,000 tons per month, or 1.8 million tons per year. July import data were not available at the time of publication.

Annualized domestic consumption for 1997 was calculated to be 43.1 million tons using annualized sold and used data and estimated trade data. Apparent domestic consumption for 1996, calculated from the sum of home deliveries and adjusted import data, was 43.9 million tons, compared with 42.6 million tons in 1995.

TABLE 1  
UNITED STATES PHOSPHATE ROCK STATISTICS, BY REGION 1/

(Thousand metric tons)

Region and period	Marketable production	Sold and/or used	Ending stocks 2/
<b>United States:</b>			
1996 total	43,800	42,100	6,380
Jan.-July 1996	25,000	23,800	XX
1996:			
July e/	3,690	3,780	6,840
August	3,900	3,830	6,860
September	3,540	3,860	6,360
October	4,170	3,600	6,410
November	3,520	3,580	6,330
December	3,620	3,450	6,380
1997:			
January	3,820	3,320	6,750
February	3,600	3,150	7,170
March	3,910	3,560	7,570
April	3,970	3,410	7,920
May	4,110	3,790	7,970
June	3,830	3,500	8,130
July	3,690	3,330	8,270
Year to date	26,900	24,000	XX
<b>Florida and North Carolina:</b>			
1996 total	37,800	36,300	4,690
Jan.-July 1996	21,600	20,600	XX
1996:			
July	3,070	3,160	4,660
August	3,310	3,250	4,670
September	2,990	3,170	4,430
October	3,310	3,100	4,490
November	3,280	3,150	4,600
December	3,290	3,080	4,690
1997:			
January	3,440	2,930	5,080
February	3,170	2,820	5,390
March	3,460	3,160	5,730
April	3,460	2,960	6,180
May	3,460	3,230	6,370
June	3,130	3,040	6,520
July	2,950	2,820	6,680
Year to date	23,100	20,900	XX
<b>Idaho and Utah:</b>			
1996 total	5,980	5,830	1,690
Jan.-July 1996	3,400	3,250	XX
1996:			
July e/	614	614	2,190
August	591	576	2,190 e/
September	552	690 e/	1,930 e/
October	860	501	1,920
November	241	427	1,730
December	334	376	1,690
1997:			
January	376	392	1,670
February	433	326	1,780
March	455	395	1,840
April	515	447	1,740
May	650	561	1,600
June	698	463	1,610
July	735	518	1,590
Year to date	3,870	3,100	XX

e/ Estimated. XX Not applicable.

1/ Data are rounded to three significant digits; may not add to totals shown.

2/ Includes inventory adjustments.

TABLE 2  
U.S. IMPORTS OF PHOSPHATE ROCK 1/ 2/

(Thousand metric tons and thousand dollars)

Period	Imports	
	Quantity	Value
1996 total e/	1,800	104,000
Jan.-June 1996	239	13,900
1996:		
June	64	3,710
July	70	3,990
August	67	3,870
September	66	3,820
October	(3/)	26
November	66	3,780
December	67	3,850
1997:		
January	101	4,310
February	(3/)	23
March	67	3,800
April	58	3,150
May	60	3,240
June	68	4,160
Year to date	354	18,700

e/ Estimated.

1/ C.i.f. (cost, insurance, and freight) values at U.S. ports.

2/ Data are rounded to three significant digits; may not add to totals shown.

3/ Less than 1/2 unit.

Source: Bureau of the Census; data on the majority of phosphate rock imports from Morocco are suppressed by Census.

TABLE 3  
COMPARATIVE PHOSPHATE ROCK STATISTICS

(Million metric tons per year and dollars per metric ton for period shown)

	1994	1995	1996	1997
United States:				
Marketable production:				
Florida and North Carolina	34.0	38.0	37.8	39.8
Idaho and Utah	7.1	5.5	6.0	6.7
Total 1/	41.1	43.5	43.8	46.5
Sold or used by producers: 2/				
Florida and North Carolina	37.4	38.1	36.3	36.0
Idaho and Utah	6.7	5.6	5.8	5.3
Total 1/	44.1	43.7	42.1	41.3
Yearend stocks	6.0	5.7	6.4	XX
Exports	2.8	2.9	W	W
Average value per ton	\$25.60	\$25.66	\$31.56	\$32.85
Imports for consumption	1.8 e/	1.8 e/	1.8 e/	1.8 e/
Average value per ton	\$48.76	\$51.30	57.84 e/	XX
Apparent consumption 3/	43.1 e/	42.6 e/	43.9 e/	43.1 e/

e/ Estimated. W Withheld to avoid disclosing company proprietary data. XX Not applicable.

1/ Data may not add to totals shown because of independent rounding.

2/ Includes exports reported by producers.

3/ Calculated as domestic sold or used plus imports, where imports are estimated to average about 150,000 tons per month, (and though the average monthly estimate may appreciably exceed any 1 month's reported imports).

TABLE 4  
MOROCCAN  
PHOSPHATE ROCK EXPORTS 1/  
January - June 1997

(Metric tons)

Country of destination	Quantity
Australia	11,000
Austria	46,300
Belgium	282,000
Brazil	69,900
Bulgaria	125,000
France	424,000
Germany	68,700
Greece	71,100
India	196,000
Indonesia	133,000
Ireland	6,500
Italy	55,500
Japan	149,000
Korea, Republic of	98,600
Mexico	871,000
Netherlands	13,400
New Zealand	206,000
Norway	9,000
Pakistan	51,900
Peru	32,000
Poland	415,000
Portugal	20,700
Romania	63,300
Spain	801,000
Sweden	41,700
Taiwan	27,500
Turkey	27,500
United Kingdom	5,200
United States	918,000
Venezuela	49,500
(Former) Yugoslavia	122,000
Total	5,410,000

1/ Data are rounded to three significant digits; may not add to total shown.

Source: Moroccan Office Cherifien des Phosphates.